

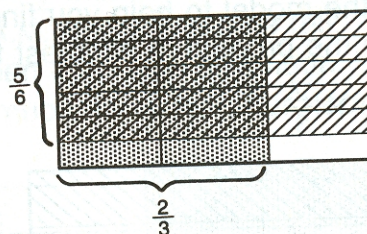
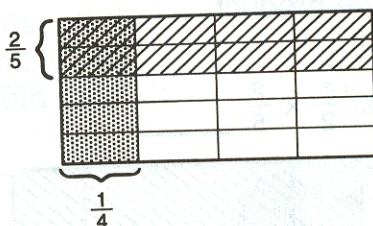
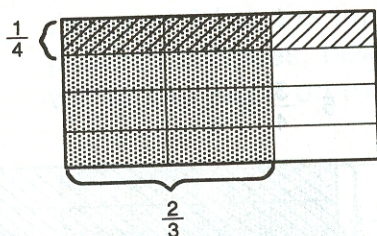
More Multiplying Fractions by Fractions

Complete the multiplication sentence. Write the product in simplest form.

1. $\frac{1}{4} \times \frac{\square}{\square} = \frac{\square}{\square}$

2. $\frac{2}{5} \times \frac{\square}{\square} = \frac{\square}{\square}$

3. $\frac{\square}{\square} \times \frac{2}{3} = \frac{\square}{\square}$



Solve. Write the product in simplest form.

4. $\frac{1}{4} \times \frac{1}{5} =$ _____

5. $\frac{1}{4} \times \frac{1}{4} =$ _____

6. $\frac{1}{5} \times \frac{2}{7} =$ _____

7. $\frac{1}{2} \times \frac{5}{6} =$ _____

8. $\frac{3}{8} \times \frac{1}{5} =$ _____

9. $\frac{4}{5} \times \frac{1}{10} =$ _____

10. $\frac{3}{7} \times \frac{5}{6} =$ _____

11. $\frac{5}{6} \times \frac{6}{7} =$ _____

12. $\frac{2}{5} \times \frac{4}{7} =$ _____

13. $\frac{1}{9} \times \frac{2}{3} =$ _____

14. $\frac{4}{7} \times \frac{1}{12} =$ _____

15. $\frac{5}{9} \times \frac{9}{10} =$ _____

Mixed Applications

16. One third of the students in Mrs. Monroe's class have pets. One half of these students have dogs. What part of the students have dogs?
- _____

17. Justin had $\frac{2}{3}$ of a book left to read. He read $\frac{1}{4}$ of what he had left last night. What part of the entire book did he read last night?
- _____

NUMBER SENSE

Look at the fractions. Find the multiplication pattern. What are the next three numbers in the pattern?

18. $\frac{1}{2}, \frac{1}{4}, \frac{1}{8},$ _____, _____, _____

20. $\frac{3}{4}, \frac{3}{8}, \frac{3}{16},$ _____, _____, _____

19. $\frac{1}{3}, \frac{1}{9}, \frac{1}{27},$ _____, _____, _____

21. $\frac{2}{3}, \frac{4}{9}, \frac{8}{27},$ _____, _____, _____